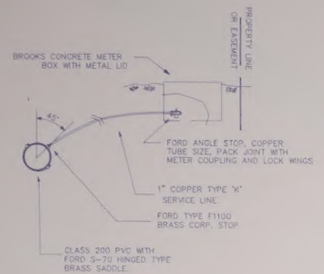
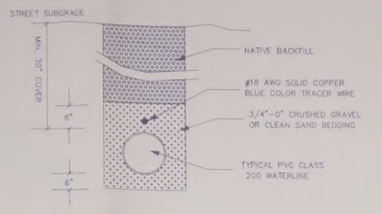


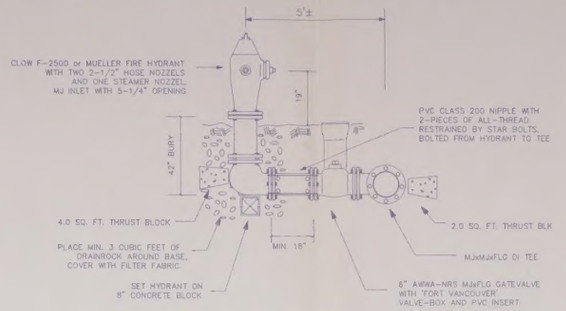
STANDARD WATER SERVICE INSTALLATION

N.T.S.



TYPICAL WATERLINE TRENCH SECTION

N.T.S.



STANDARD FIRE-HYDRANT INSTALLATION

N.T.S.

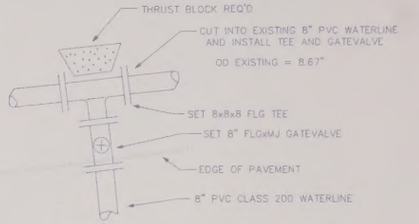
CONSTRUCTION NOTES:

UPON COMPLETION OF CONSTRUCTION AND APPROVAL OF THE REQUIRED WATER DISINFECTION TEST, THE SURF PINES WATER ASSOCIATION WILL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE NEW WATERLINE AND SERVICES UP TO THE METER STOP. THE SURF PINES WATER ASSOCIATION WILL ISSUE A FORMAL NOTICE OF ACCEPTANCE.

THE CONTRACTOR FOR THE DEVELOPER WILL BE RESPONSIBLE FOR THE CONSTRUCTION OF THE WATERLINE SYSTEM AS SHOWN ON THESE PLANS. ALL CONSTRUCTION WILL COMPLY WITH THE CURRENT 1990 APWA STANDARD SPECIFICATIONS. ALL WORK SHALL BE INSPECTED BY THE DESIGN ENGINEER PRIOR TO COVER. THE CONTRACTOR WILL BE RESPONSIBLE FOR TAKING THE NECESSARY PRESSURE/LEAKAGE TEST, FLUSHING THE NEW WATER MAINS AND SERVICE LINES, AND TAKING THE REQUIRED WATER DISINFECTION TESTS.

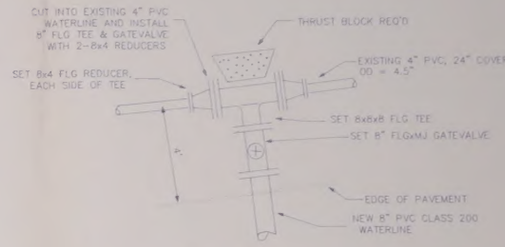
REFER TO THE 1990 AWPA STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF THRUST BLOCKS FOR SOIL WITH A BEARING VALVE OF 1,500 PSF.

LEAKAGE/PRESSURE TEST WILL BE CONDUCTED BY PRESSURIZING THE NEW WATERLINES TO A PRESSURE OF 150% OF THE STATIC PRESSURE, OR A MINIMUM OF 150 PSI, AND RUNNING THE TEST FOR A MINIMUM OF 45 MINUTES.



DETAIL STA 0+00

N.T.S.



DETAIL STA 26+90

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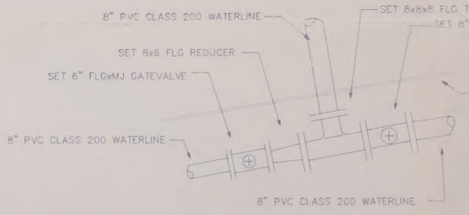
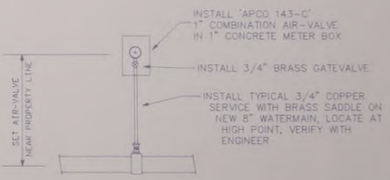


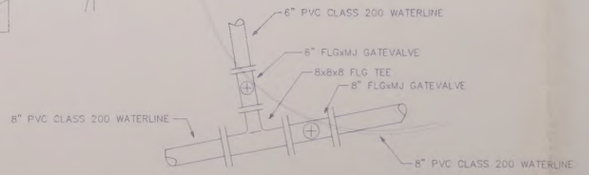
DETAIL STA 2+28=0+00

N.T.S.



AIR-VALVE DETAIL STA 12+00

N.T.S.



DETAIL STA 19+15=6+25

N.T.S.

DISCLAIMER: THIS ENGINEERING DESIGN HAS BEEN PROVIDED FOR THE TIMELY USE OF THE DEVELOPER'S OF SURF PINES LANDING, FOR THE CONSTRUCTION OF A NEW WATERLINE SYSTEM AND ROADWAY, AND DOES NOT EXTEND TO THE ACTIVITIES OF UNIDENTIFIED CONTRACTORS, PROPERTY OWNERS OR VISITORS TO THIS SITE, FOR WHICH J.B. RANKIN ENGINEERING BEARS NO RESPONSIBILITY, AND OF WHICH NO WARRANTY IS EXPRESSED OR IMPLIED.

REGISTERED PROFESSIONAL ENGINEER 10,517 OREGON JULY 13, 1979 JAMES BENJAMIN RANKIN

3/22/94

RENEWS 12/31/94

SURF PINES LANDING

J.B. RANKIN ENGINEERING
P.O. BOX 187 WARRENTON, OR. 97146
(503) 861-2569 or 738-8159

WATERLINE EXTENSION FROM THE SURF PINES WATER ASSOCIATION

FILE: LANDING